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› Meiyue 24V 6A AC to DC Power Supply Adapter User Manual

Meiyue 24v6a-a

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Model: 24v6a-a

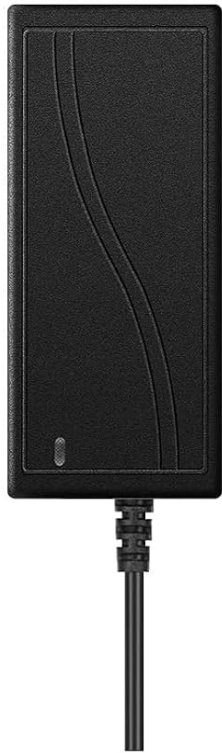
INTRODUCTION

This manual provides essential information for the safe and effective use of your Meiyue 24V 6A AC to DC Power Supply Adapter. Please read these instructions carefully before installation and operation, and retain them for future reference.

PRODUCT OVERVIEW

The Meiyue 24V 6A Power Supply Adapter converts AC input voltage (100V-240V) to a stable DC 24V output, suitable for various electronic devices requiring up to 6 Amps of current. It features a 5.5mm x 2.5mm output jack, compatible with 5.5mm x 2.1mm connectors.

PRODUCT PARAMETERS



Product Name: AC/DC Power Adapter

Brand: Meiyue

Input: AC 100V~240V 50/60Hz

Output Voltage: DC 24V

Output Current: 6A Max

Output Wattage: 144W Max

DC Connector: 5.5MM*2.5MM/
5.5MM*2.1MM

60

**60 Days
Refund**

12

**12 Months
Exchange**

24

**24 Hours
for Reply**

1

**1 Email Solve
All Issues**

Image: Meiyue 24V 6A AC to DC Power Supply Adapter with its power cord.

Key Features:

- **Input Voltage:** AC 100V-240V, 50/60Hz
- **Output Voltage:** DC 24V
- **Output Current:** 6A Max
- **Power Output:** 144W Max
- **Total Cable Length:** Approximately 7.05ft (2.15m)
- **Output Jack Size:** 5.5mm x 2.5mm (compatible with 5.5mm x 2.1mm)
- Includes LED terminal connector for screw-on wire connections.
- US standard 3-pin plug power cable included.

SAFETY INFORMATION

To ensure safe operation and prevent damage to the power supply or connected devices, observe the following safety

guidelines:

- **Compatibility Check:** Before connecting, verify that your device requires 24V DC power. Do not use with AC 24V or devices requiring voltages lower or higher than 24V DC.
- **Current Rating:** Ensure your device's maximum current draw is equal to or less than 6A. Exceeding this limit can damage the power supply.
- **Connector Polarity:** Confirm the inner core polarity of your device's input port is "+" and the exterior polarity is "-".
- **Protection Features:** The adapter includes automatic overload cut-off, over-voltage cut-off, over-current cut-off, overheating protection, and short-circuit protection.
- **Environmental Conditions:** Avoid exposing the power supply to moisture, extreme temperatures, or direct sunlight.
- **Inspection:** Regularly inspect the power supply and cables for any signs of damage. Do not use if damaged.
- **Electrical Safety:** Always plug the adapter into a properly grounded outlet. If sparks or unusual behavior occur upon connection, immediately disconnect and consult a qualified electrician.



Short circuit protection

Electromagnetic wave protection

Overcurrent protection

Over temperature protection

Quality microchip

High fire performance

Over voltage protection

24 hours service

MULTIPLE PROTECTION SAFTER CHARGING



Image: Diagram showing the multiple protection features integrated into the power supply, including short circuit, electromagnetic wave,

SETUP

Follow these steps to connect your Meiyue 24V 6A Power Supply Adapter to your device:

1. **Verify Device Requirements:** Confirm your device requires 24V DC power and its current draw does not exceed 6A.
2. **Choose Connection Method:**
 - **Direct DC Jack Connection:** If your device has a compatible 5.5mm x 2.1mm or 5.5mm x 2.5mm DC input port, simply plug the power supply's output jack into your device.
 - **LED Barrel Connector:** For devices requiring bare wire connections (e.g., LED strip lights), use the included LED terminal connector. Screw the positive and negative wires from your device into the corresponding terminals on the connector, then plug the connector into the power supply's DC output jack.
3. **Connect to Power Outlet:** Plug the US standard 3-pin power cable into the power supply adapter, then plug the power cable into a standard AC 100V-240V wall outlet.
4. **Power On:** Once all connections are secure, power on your device.

2 WAYS FOR CONNECTION

Connected to the 5.5mm x 2.1mm port.



US-Stecker

Connected to the LED Barrel Connector.

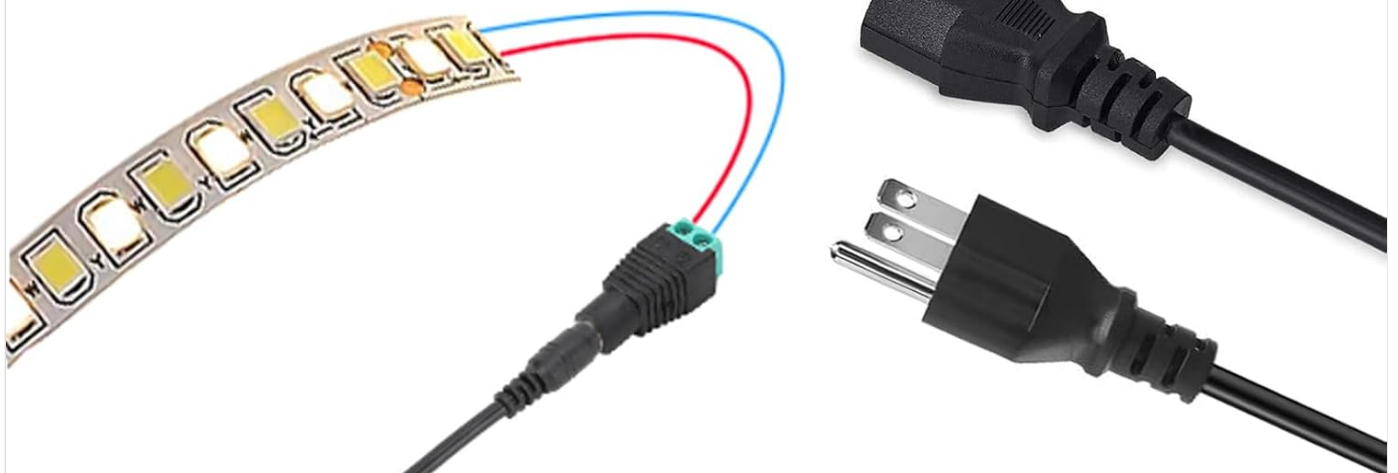


Image: Illustration of connecting the power supply directly to a device's DC port or using the included LED barrel connector for bare wire applications.

SHOW DETAILS

US-Stecker



Two corresponding metal tabs on the inner wall for improved contact and stability of the connectors.

Controller



All copper nickel plated bushes



High efficiency anti-interference magnetic ring



Ensures stable power transmission

Image: Detailed view of the power supply's US plug, DC output connector with copper nickel plated bushes, and the anti-interference magnetic ring on the cable for stable power transmission.

OPERATING INSTRUCTIONS

The Meiyue 24V 6A Power Supply Adapter is designed for continuous operation within its specified parameters. Once connected and powered, it provides a stable 24V DC output to your compatible device.

Applications:

This power supply is suitable for a wide range of 24V devices, including but not limited to:

- LED strip lights (5050/2835/5630)
- Routers
- ADSL modems
- Network switches
- Security cameras (CCTV)

- Printers
- Water purifiers
- LCD monitors
- Massage chairs and equipment
- DC motors and pumps

WIDELY APPLICATION



Printer



Wireless Router



CCTV Camera



Audio/
Video Player



DVR/NVR
Recorder



LED Strip Light



Proven
electronics
Components



Mature
power
scheme



Strong
heat
dissipation



Multiple
protection
functions

Image: Visual representation of common devices compatible with the 24V DC power supply, such as printers, wireless routers, CCTV cameras, audio/video players, DVR/NVR recorders, and LED strip lights.

MAINTENANCE

The Meiyue 24V 6A Power Supply Adapter requires minimal maintenance. Follow these guidelines to ensure longevity:

- Keep the adapter clean and free from dust. Use a dry, soft cloth for cleaning.
- Do not block ventilation openings, if any, to prevent overheating.
- Store the adapter in a cool, dry place when not in use.

- Avoid bending or crimping the cables excessively, as this can damage internal wiring.
- Do not attempt to open or repair the adapter. This will void the warranty and may pose a safety risk.

TROUBLESHOOTING

If you encounter issues with your power supply, refer to the following common problems and solutions:

- **No Power Output:**
 - Check if the power supply is securely plugged into a working wall outlet.
 - Verify that the power cable is firmly connected to the adapter.
 - Ensure the DC output jack is properly connected to your device.
 - Confirm the wall outlet is functional by testing with another appliance.
- **Device Not Functioning Correctly:**
 - Re-check the compatibility of your device with the power supply (24V DC, max 6A current). Incorrect voltage or insufficient current can cause malfunction.
 - Ensure the polarity of the DC connection is correct.
 - Test the device with its original power supply, if available, to rule out a device issue.
- **Overheating:**
 - Ensure the power supply is not covered or placed in an enclosed space that restricts airflow.
 - Verify that the connected device's current draw does not exceed 6A.
- **Sparks or Circuit Breaker Tripping:**
 - Immediately disconnect the power supply from the wall outlet.
 - Do not attempt to reconnect. This indicates a serious electrical fault.
 - Contact customer support or a qualified electrician for assistance.

If these steps do not resolve the issue, please contact customer support.

SPECIFICATIONS

Parameter	Value
Brand	Meiyue
Model	24v6a-a
Input Voltage	AC 100V-240V
Input Frequency	50/60Hz
Output Voltage	DC 24V
Output Current	6A Max
Power Output	144W Max
DC Output Jack Size	5.5mm x 2.5mm (compatible with 5.5mm x 2.1mm)

Parameter	Value
Total Length	2.15m (7.05ft)
Product Dimensions (L x W x H)	12cm x 5.5cm x 3cm (4.7in x 2.1in x 1.8in)
Mounting Type	Wall Mount
Included Components	LED DC outlet connector
Safety Certification	CE

PRODUCT SIZE



Image: Detailed dimensions of the power supply adapter, including its length, width, height, and the total length of the connected cables.

WARRANTY AND SUPPORT

Meiyue is committed to customer satisfaction. If you have any questions or concerns regarding your 24V 6A Power Supply Adapter, please contact us.

- **Support Response:** We aim to reply to inquiries within 24 hours.
- **Product Quality:** We take full responsibility for any product quality issues.

For assistance, please refer to the contact information provided with your purchase or on the official Meiyue website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question